

Pathology Report and Specimens for Procedure PROC-51743



ID, Proc, Patient, Barcode	Type	Donor Type	A/S/R	Weight	Prep	Primary	Metastaic	Stage	Grade	Percentages	Procurement Year
WD-105521 PROC-51743 PAT-50311 D06585	MALIGNANT COLON SIGMOID		81/M/W	0.36 grams	Frozen, LN2 - vapor phase	COLON		Stage IIA	G2 Moderately differentiated	0% Necrosis, 50% Lesion, 50% Stroma, 70% Tumor By Area, 50% Cellularity, 0% Acellular Mucin	2016
PET: 0.5 PPET: GPET:	In Surg Path: Organ Removal: Complete Prep:			Cold Ischemia: Warm Ischemia: Trans on Ice: Unknown					Fix Time: PMI Time: Clamp Time:		
Comments:											
Consent Status: Collected from consented donor.											

Final Pathology Report entered by CHTN Staff member brookse.

A/S/R: 81/M/W

Chemo: No

Rad: No

BMI: 25.4

Height: 183.0 cm

Weight: 85.2 kg

Co-Morbidities: Hyperlipidemia, CAD

Prior Cancer History:

Molecular Testing Results:

MSI test result: Results consistent with Microsatellite o Stable (MSS): Microsatellite Instability NOT DETECTED

FINAL PATHOLOGY REPORT

Diagnosis

1) MESENTERTIC SCAR, EXCISION: FIBROVASCULAR TISSUE WITH FOCAL INFLAMMATION AND REACTIVE CHANGES, CONSISTENT WITH SCAR.

2) COLON, SIGMOID, RESECTION: MODERATELY DIFFERENTIATED ADENOCARCINOMA (5.8CM), 11 LYMPH NODES NEGATIVE FOR CARCINOMA. TWO HYPERPLASTIC POLYPS; SEE SYNOPSIS.

3) COLON, PROXIMAL DONUT, EXCISION: SEGMENT OF COLON WITH NO SIGNIFICANT HISTOPATHOLOGIC CHANGES.

Case reviewed by Attending Pathologist

MDL Microsatellite Instability Status: Ordered

Synoptic Diagnosis

2) SIGMOID COLON:

Specimen: Sigmoid colon

Procedure: Left hemicolectomy

Primary Tumor Site: Sigmoid colon

Additional Sites Involved by Tumor: None identified

Macroscopic Tumor Perforation: Not identified

Macroscopic Intactness of Mesorectum: Not applicable

Histologic Type: Adenocarcinoma

Histologic Grade: Low-grade

Tumor Location: Tumor is located above peritoneal reflection

Tumor Size: Greatest dimension: 5.8 cm

Microscopic Tumor Extension: Tumor invades through the muscularis propria into the subserosal adipose tissue or the nonperitonealized pericolic or perirectal soft tissues but does

not extend to the serosal surface
 Margins: All margins uninvolved by invasive carcinoma
 Distance of invasive carcinoma from closest margin: 3.5 cm
 Margin: Circumferential (Radial) or Mesenteric
 Proximal Margin: Uninvolved by invasive carcinoma
 Distal Margin: Uninvolved by invasive carcinoma
 Circumferential or Mesenteric Margin: Uninvolved by invasive carcinoma
 Lymph-Vascular Invasion: Not identified
 Perineural Invasion: Not identified
 Tumor Deposits: Not identified
 Type of Polyp in which Invasive Carcinoma Arose: None identified
 Pathologic Staging (pTNM): pT3: Tumor invades through the muscularis propria into pericorectal tissues
 Regional Lymph Nodes (pN): pN0: No regional lymph node metastasis
 Number of nodes examined: 16
 Number of nodes involved: 0
 Distant Metastasis (pM): Not applicable
 Additional Pathologic Findings: Other polyps: HYPERPLASTIC POLYPS (2)
 Ancillary Studies: Microsatellite instability pending

Clinical Data

Clinical Features: Unspecified
 Clinical Diagnosis: Colon cancer
 Operator: Dr. -----
 Operation: Flex sig; laparoscopic partial left colectomy
 Operative Findings: Unspecified
 Operative Diagnosis: Unspecified
 Tissue Submitted: 1) mesenteric scar; 2) sigmoid colon; 3) proximal donut
 Instructions to Pathologist: Tumor closest to proximal margin

Specimen(s) Received

1) MESENTERTIC SCAR
 2) SIGMOID COLON
 3) PROXIMAL DONUT

Gross Description

1) MESENTERTIC SCAR:

Received fresh labeled "-----", MR number and "mesenteric scar" consists of an irregular fragment of pink- tan, firm tissue, measuring 1.4 x 1 x 1 cm. The specimen is serially sectioned revealing a possible 0.3 cm cyst. The cut surfaces are brown-tan and firm. The specimen is serially sectioned and submitted entirely. 1A1B, 3/1 each

2) SIGMOID COLON:

Received fresh labeled "-----", MR number and "sigmoid colon" consists of a partially opened segment of colon which has a moderate amount of attached pericolic fat. The specimen measures, 38 cm in length. The proximal margin measures, 8 cm in diameter and the distal margin measures 6 cm in diameter. Both margins have metallic staple lines. A brown- tan circumferential tumor mass is identified, measuring 5.8 x 4 x 2.5 cm. The tumor has tan, firm cut surfaces with focal areas of white soft material. The tumor grossly appears to involve the muscularis and abut the serosal surface but does not grossly appear to extend and involve the pericolic fat. The lesion is located 8 cm from the proximal margin and 24.2 cm from the distal margin. The radial margin in the area of the lesion is inked. The lesion grossly appears to be located 3.5 cm away from the resected radial margin. Two small tan, sessile polyps are identified located 14 cm and 21 cm away from the proximal resected margin. The farthest polyp is located 9.5 cm away from the distal resected margin. The proximal portion of the colon has prominent transverse folds and the distal portion of the colon is flat with absent normal architecture. Sectioning of the pericolic fat reveals 13 possible lymph nodes, varying from 0.5 cm to 1 cm in greatest dimensions. None of the lymph nodes grossly appear to be involved by malignant tumor. Representative tissue is submitted.

Summary of Sections:

2A, proximal margin, 1/1;
 2B, distal margin, 1/1;
 2C2D, polyps, 1 in each bisected, 2/1;
 2E, tumor and colon perpendicular section, 1/1;
 2F2I, tumor, 1/1;
 2J2L, full-thickness radial section tumor and pericolic fat, 1/1 each;
 2M, 5 possible lymph nodes, 5/1;
 2N2U, 1 possible lymph node in each serially sectioned, M/1

Additional gross:

2V-2W, 4 possible lymph nodes in each, 4/1

3) PROXIMAL DONUT:

Received fresh labeled "-----", MR number and "proximal donut" consists of a donut shaped segment of colon, measuring 1.3 cm in length and 1.8 cm in diameter. Residual sutures are grossly identified. The mucosa is tan and grossly unremarkable. Representative tissue is submitted. 3A, 1/1

Chemo history: No

Radiation history: No
